

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
 Data File : BN006678.D
 Acq On : 02 Jul 2019 02:51
 Operator : HP/JU
 Sample : K3473-03DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-3DL

Quant Time: Jul 02 05:09:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 13:47:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4085	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	16950	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	9582	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	19427	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	18344	0.40	ng	-0.02
34) Perylene-d12	23.48	264	20537	0.40	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	397	0.04	ng	0.00
5) Phenol-d6	6.84	99	284	0.02	ng	0.00
8) Nitrobenzene-d5	8.81	82	790	0.07	ng	0.01
11) 2-Methylnaphthalene-d10	12.00	152	1753	0.07	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	379	0.08	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	3162	0.09	ng	-0.01
25) Fluoranthene-d10	19.07	212	4225	0.07	ng	0.00
29) Terphenyl-d14	19.68	244	3920	0.10	ng	0.00

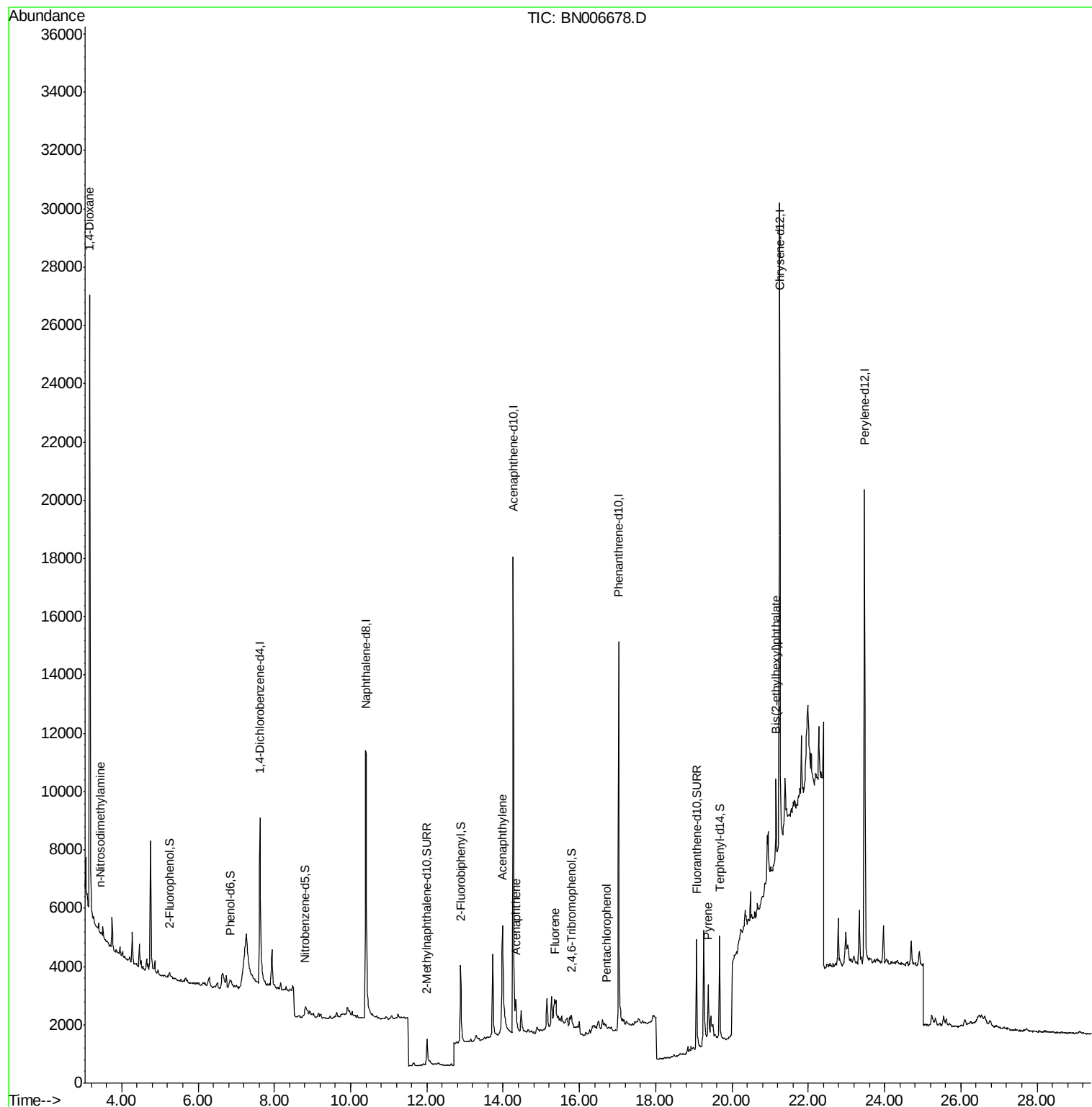
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.17	88	13721	2.427	ng	99
3) n-Nitrosodimethylamine	3.46	42	103	0.023	ng	# 1
16) Acenaphthylene	13.99	152	10027	0.219	ng	98
17) Acenaphthene	14.33	154	1120	0.037	ng	89
18) Fluorene	15.35	166	1436	0.038	ng	# 12
22) Pentachlorophenol	16.72	266	17	0.197	ng	# 79
28) Pyrene	19.38	202	1858	0.029	ng	96
32) Bis(2-ethylhexyl)phthalate	21.15	149	3128	0.104	ng	# 88

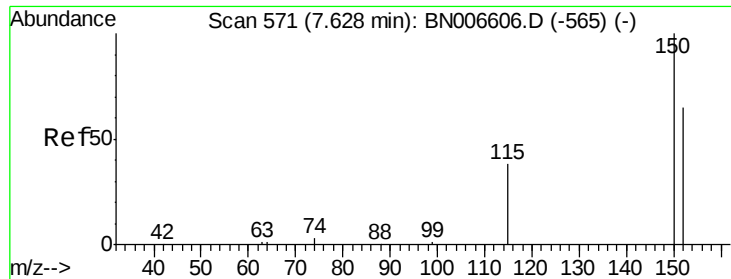
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 28 13:47:56 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.62 min Scan# 570

Delta R.T. -0.01 min

Lab File: BN006678.D

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Instrument :

BNA_N

ClientSampleId :

MW-3DL

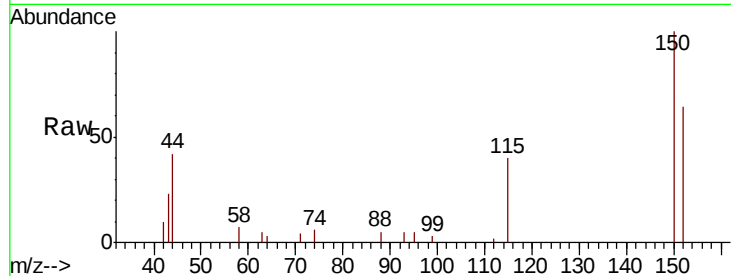
Tgt Ion: 152 Resp: 4085

Ion Ratio Lower Upper

152 100

150 156.3 122.2 183.2

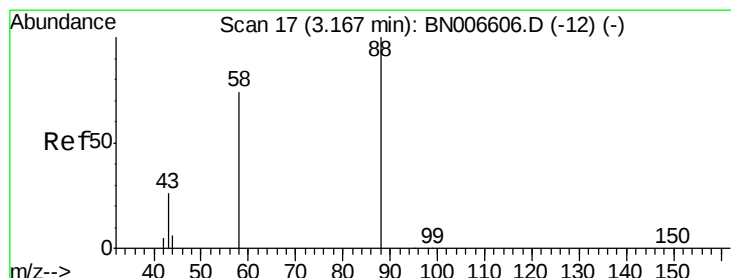
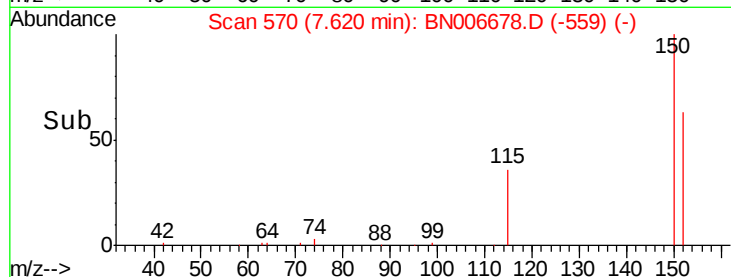
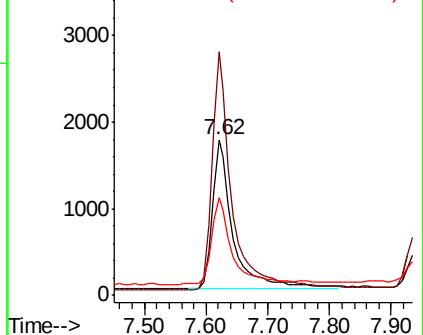
115 62.8 50.0 75.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.427 ng

RT: 3.17 min Scan# 17

Delta R.T. 0.00 min

Lab File: BN006678.D

Acq: 02 Jul 2019 02:51

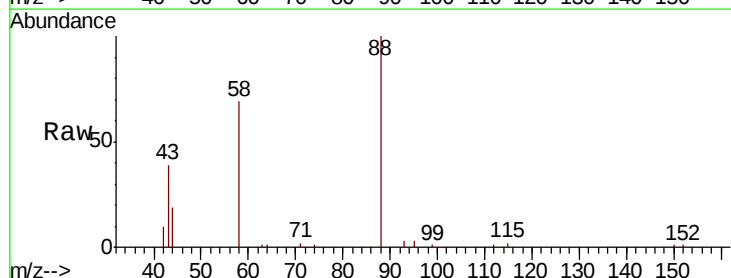
Tgt Ion: 88 Resp: 13721

Ion Ratio Lower Upper

88 100

58 79.0 62.5 93.7

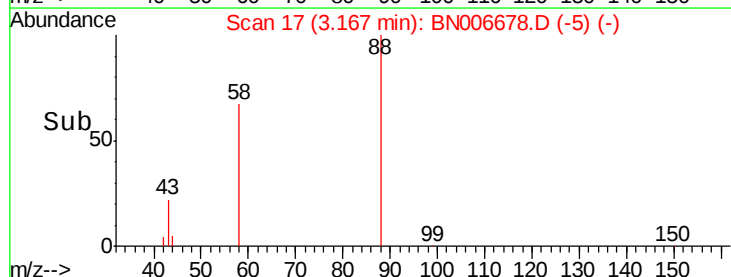
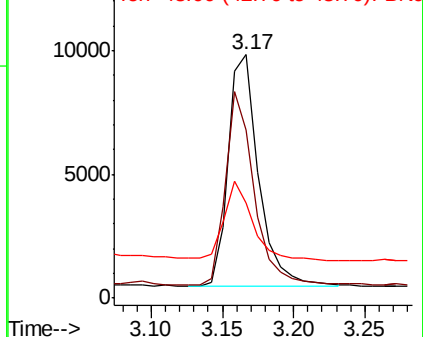
43 32.6 25.4 38.0

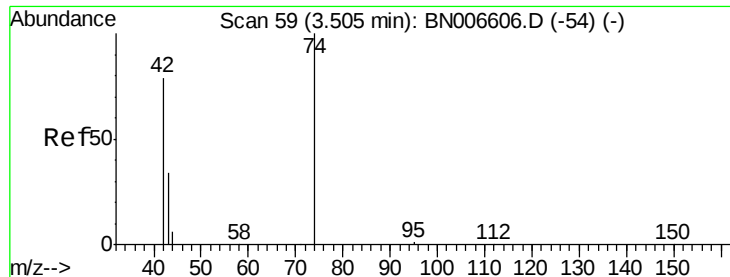


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#3

n-Nitrosodimethylamine

Concen: 0.023 ng

RT: 3.46 min Scan# 53

Delta R.T. -0.05 min

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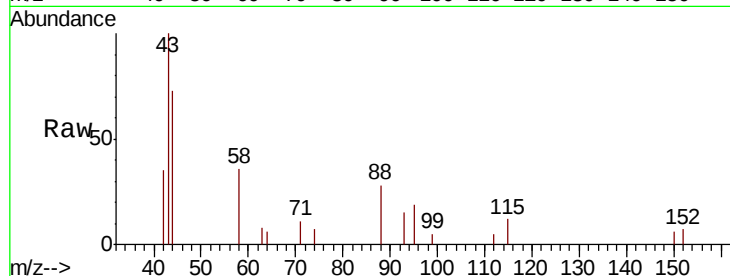
Tgt Ion: 42 Resp: 103

Ion Ratio Lower Upper

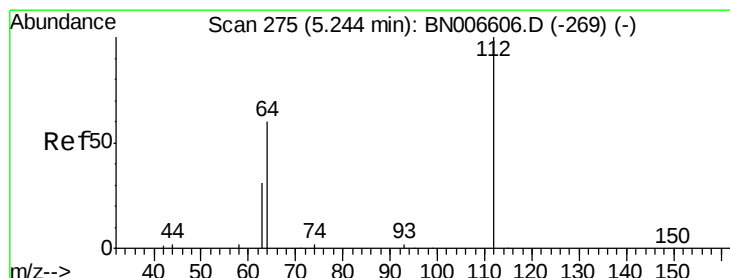
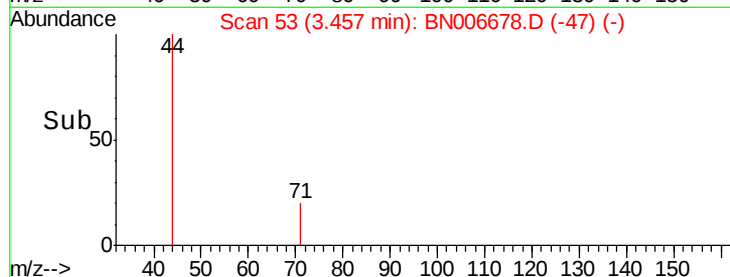
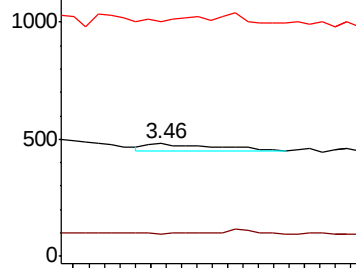
42 100

74 0.0 103.1 154.7#

44 0.0 3.4 5.2#



Abundance Ion 42.00 (41.70 to 42.70): BNC
Ion 74.00 (73.70 to 74.70): BNC
Ion 44.00 (43.70 to 44.70): BNC



#4

2-Fluorophenol

Concen: 0.040 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.01 min

Lab File: BN006678.D

Acq: 02 Jul 2019 02:51

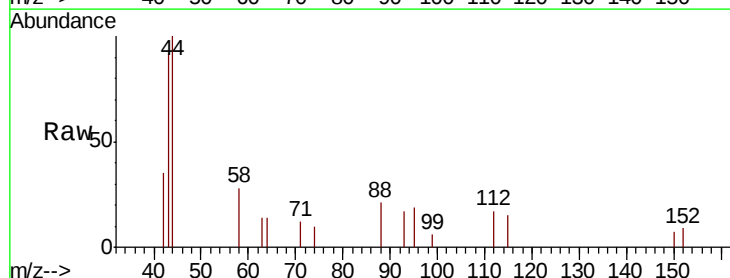
Tgt Ion: 112 Resp: 397

Ion Ratio Lower Upper

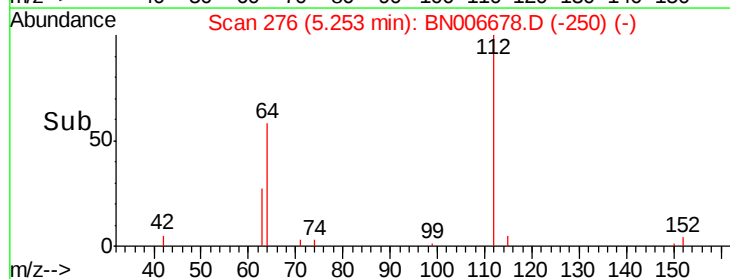
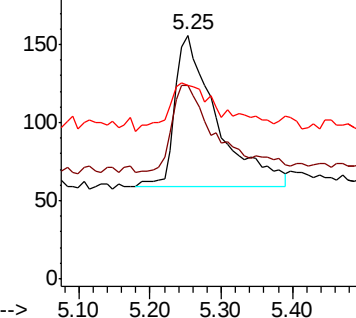
112 100

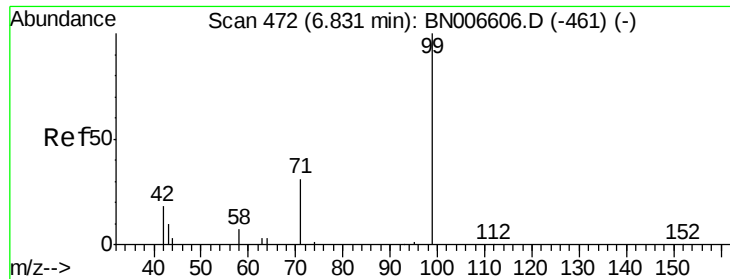
64 54.2 48.9 73.3

63 30.2 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): BNC
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.021 ng

RT: 6.84 min Scan# 473

Delta R.T. 0.01 min

Lab File: BN006678.D

Acq: 02 Jul 2019 02:51

Instrument :

BNA_N

ClientSampleId :

MW-3DL

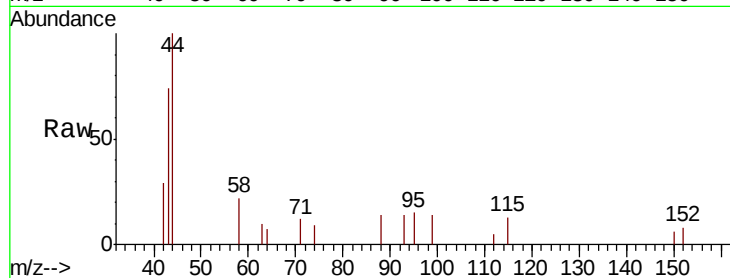
Tgt Ion: 99 Resp: 284

Ion Ratio Lower Upper

99 100

42 58.1 16.4 24.6#

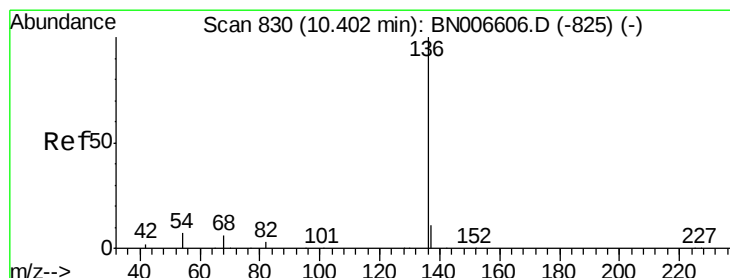
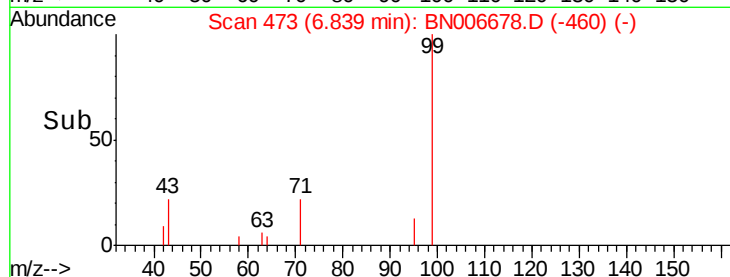
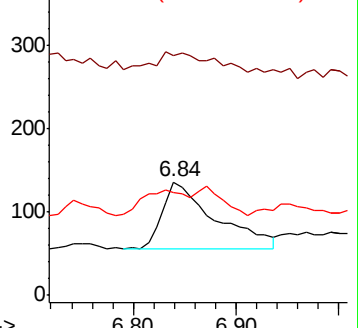
71 31.0 26.6 40.0



Abundance Ion 99.00 (98.70 to 99.70): BN006678.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006678.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006678.D (-460) (-)



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. 0.00 min

Lab File: BN006678.D

Acq: 02 Jul 2019 02:51

Tgt Ion: 136 Resp: 16950

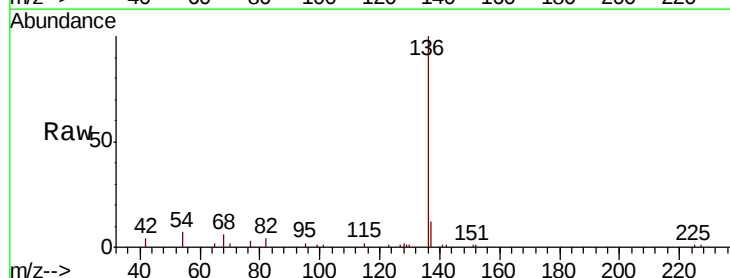
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 7.5 6.7 10.1

68 6.2 5.3 7.9

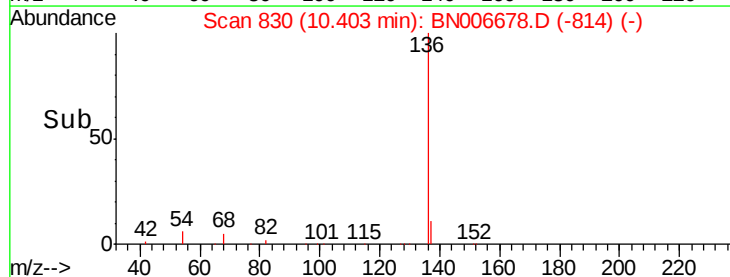
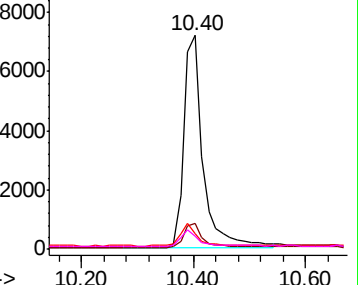


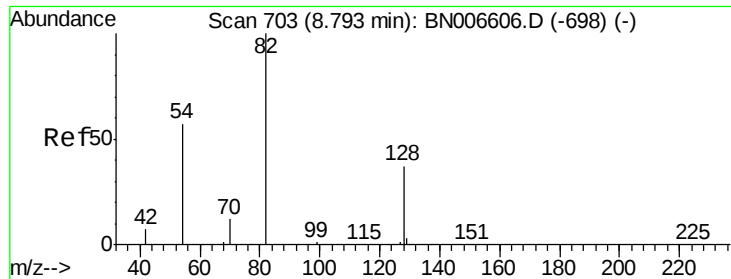
Abundance Ion 136.00 (135.70 to 136.70): BN006678.D (-814) (-)

Ion 137.00 (136.70 to 137.70): BN006678.D (-814) (-)

Ion 54.00 (53.70 to 54.70): BN006678.D (-814) (-)

Ion 68.00 (67.70 to 68.70): BN006678.D (-814) (-)

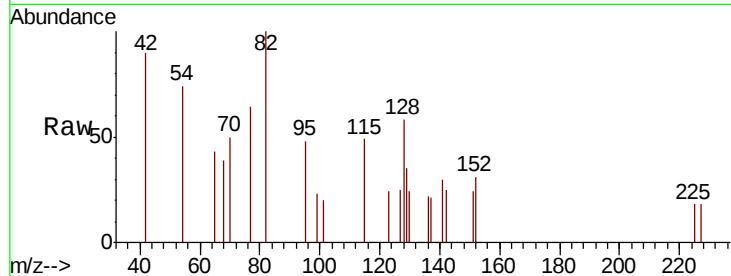




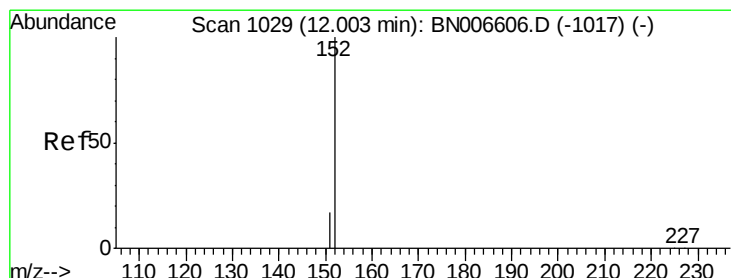
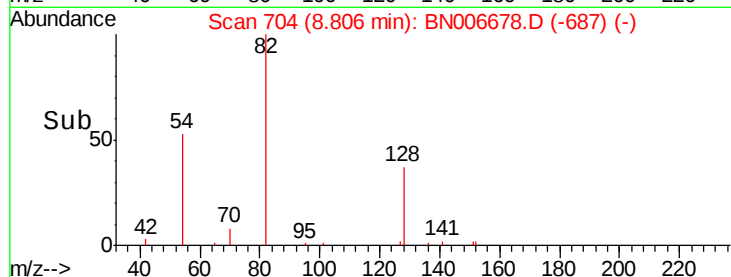
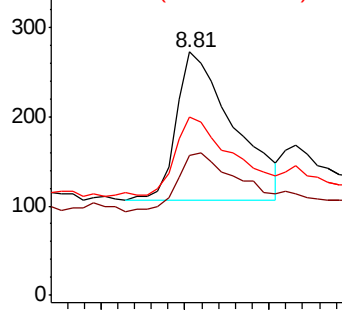
#8
 Nitrobenzene-d5
 Concen: 0.069 ng
 RT: 8.81 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: BN006678.D
 Acq: 02 Jul 2019 02:51

Instrument :
 BNA_N
 ClientSampleID :
 MW-3DL

Tgt Ion: 82 Resp: 790
 Ion Ratio Lower Upper
 82 100
 128 57.7 32.6 49.0#
 54 73.5 48.2 72.4#

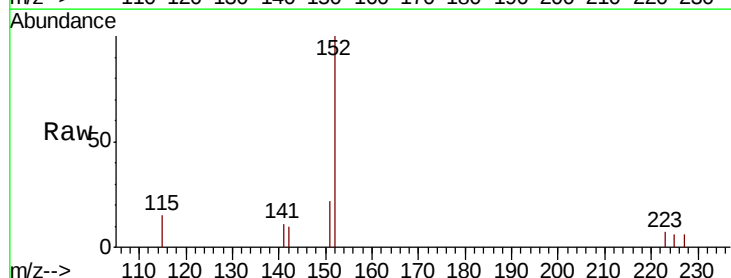


Abundance Ion 82.00 (81.70 to 82.70): BNC
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BNC

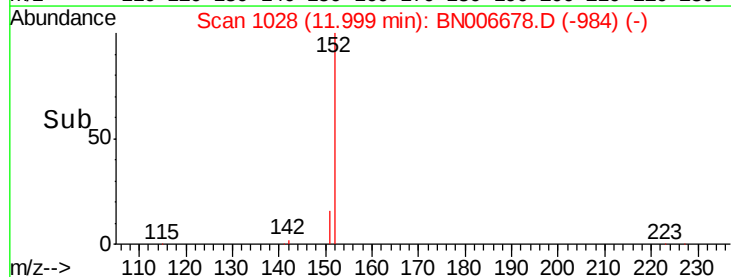
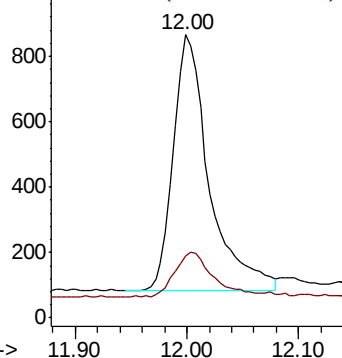


#11
 2-Methylnaphthalene-d10
 Concen: 0.066 ng
 RT: 12.00 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BN006678.D
 Acq: 02 Jul 2019 02:51

Tgt Ion: 152 Resp: 1753
 Ion Ratio Lower Upper
 152 100
 151 20.3 15.0 22.4



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN006678.D

Acq: 02 Jul 2019 02:51

Instrument :

BNA_N

ClientSampleId :

MW-3DL

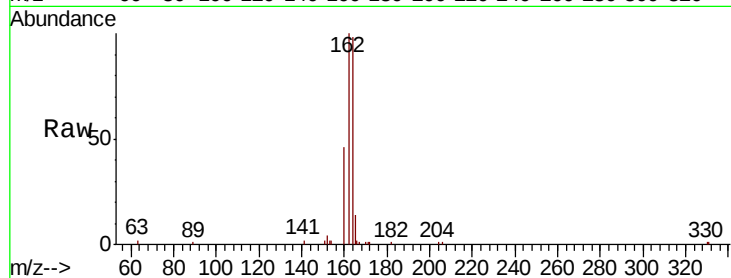
Tgt Ion:164 Resp: 9582

Ion Ratio Lower Upper

164 100

162 101.9 80.0 120.0

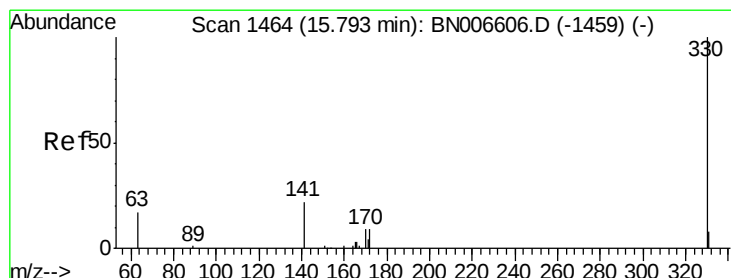
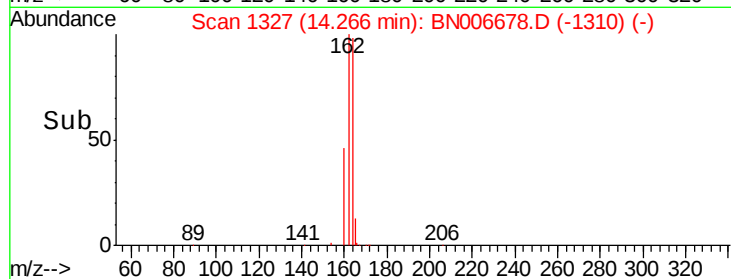
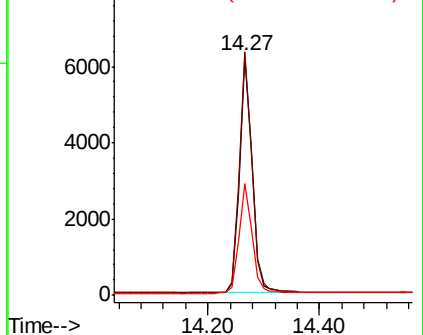
160 46.9 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.084 ng

RT: 15.79 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BN006678.D

Acq: 02 Jul 2019 02:51

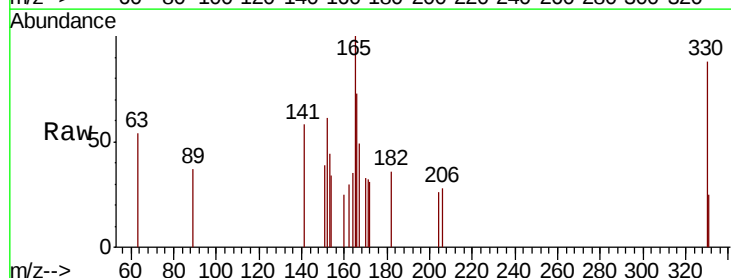
Tgt Ion:330 Resp: 379

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

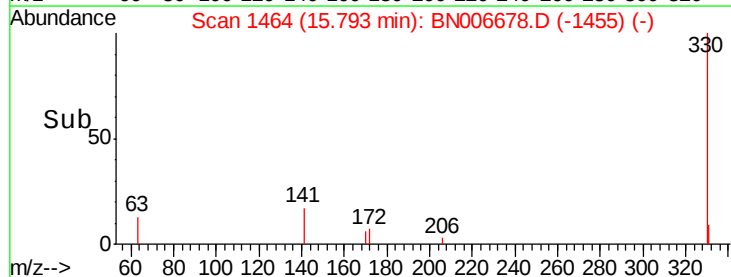
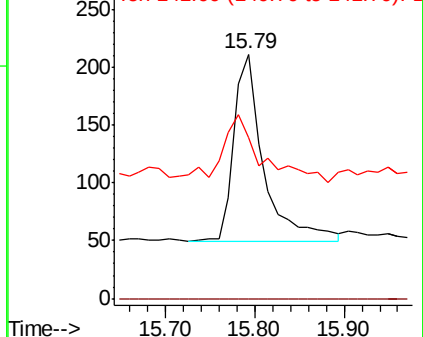
141 48.8 26.5 39.7#



Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

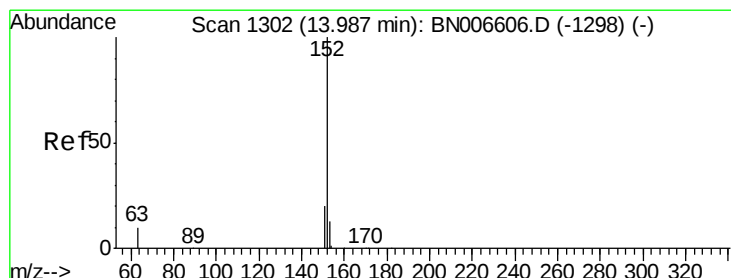
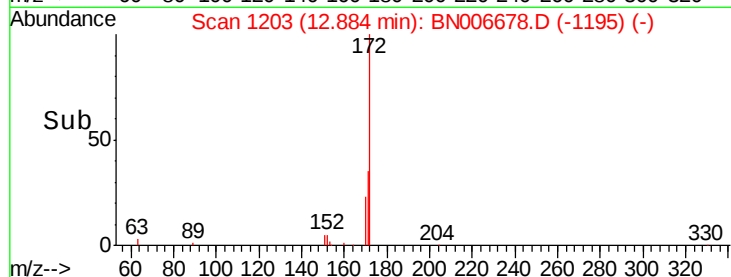
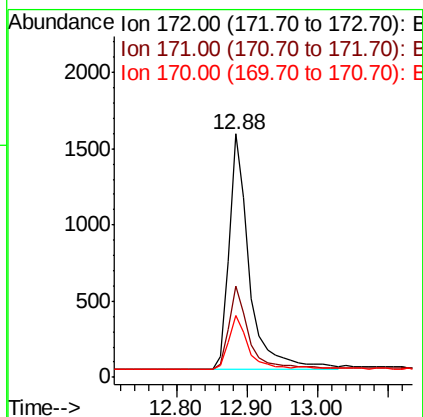
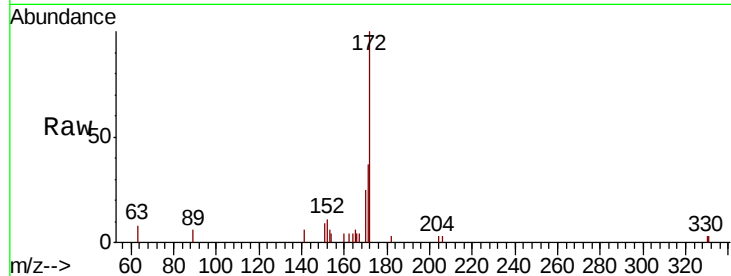




#15
2-Fluorobiphenyl
Concen: 0.089 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006678.D
Acq: 02 Jul 2019 02:51

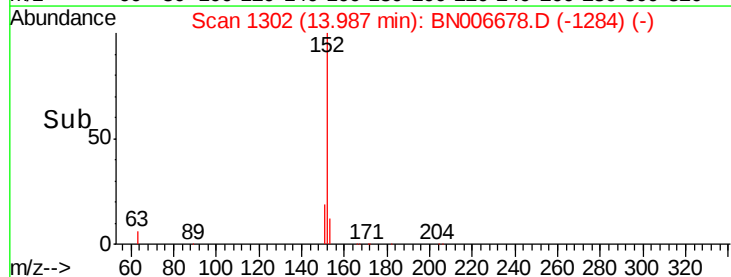
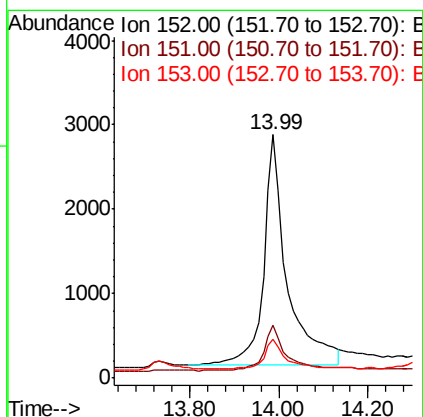
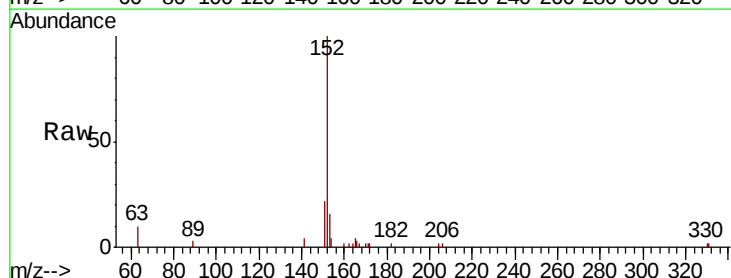
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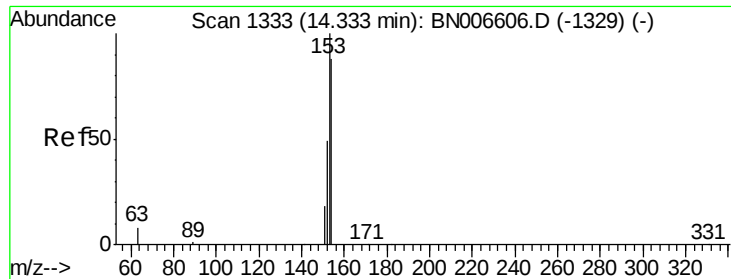
Tgt Ion:172 Resp: 3162
Ion Ratio Lower Upper
172 100
171 37.5 27.0 40.4
170 25.3 17.7 26.5



#16
Acenaphthylene
Concen: 0.219 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006678.D
Acq: 02 Jul 2019 02:51

Tgt Ion:152 Resp: 10027
Ion Ratio Lower Upper
152 100
151 20.0 15.6 23.4
153 11.3 10.5 15.7

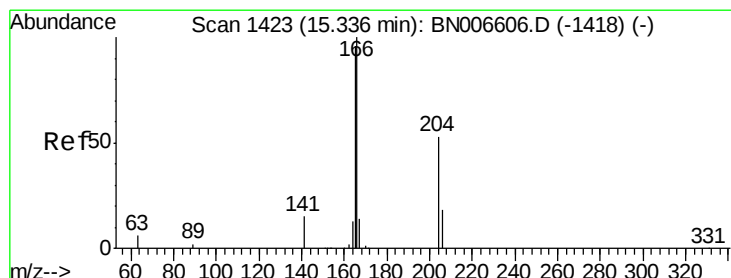
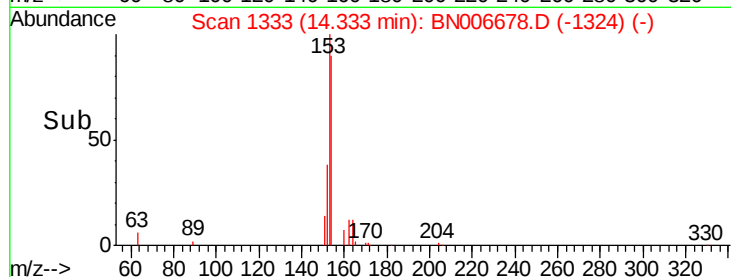
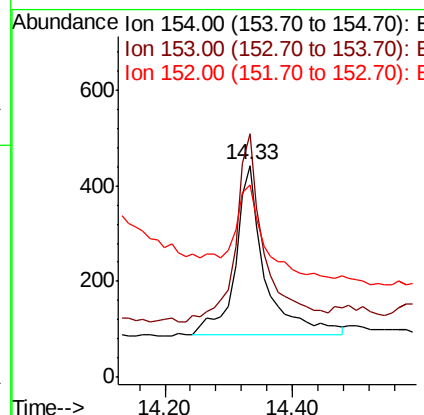
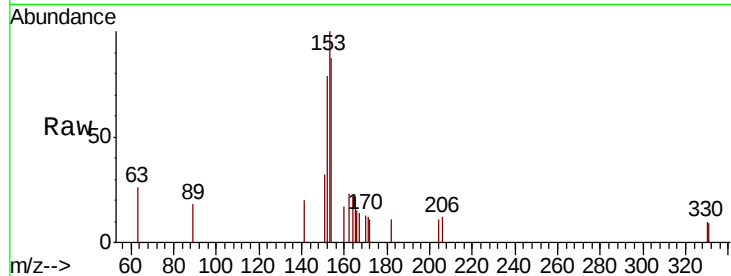




#17
Acenaphthene
Concen: 0.037 ng
RT: 14.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BN006678.D
Acq: 02 Jul 2019 02:51

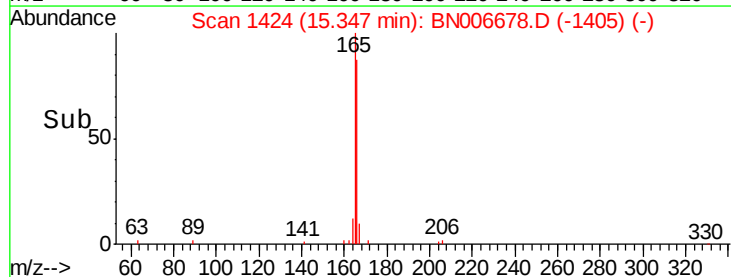
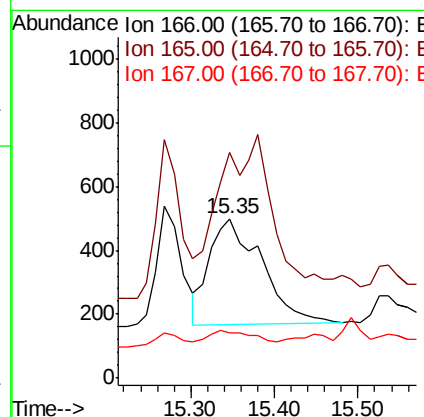
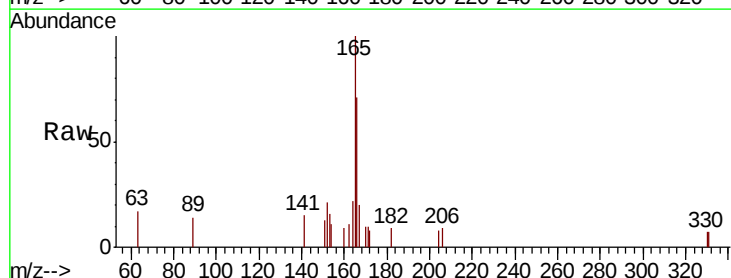
Instrument :
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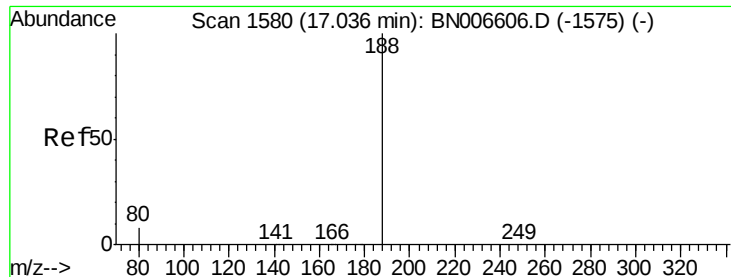
Tgt Ion:154 Resp: 1120
Ion Ratio Lower Upper
154 100
153 97.4 90.2 135.4
152 53.0 44.2 66.4



#18
Fluorene
Concen: 0.038 ng
RT: 15.35 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BN006678.D
Acq: 02 Jul 2019 02:51

Tgt Ion:166 Resp: 1436
Ion Ratio Lower Upper
166 100
165 0.0 78.4 117.6#
167 9.7 10.8 16.2#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.03 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN006678.D

Acq: 02 Jul 2019 02:51

Instrument :

BNA_N

ClientSampleId :

MW-3DL

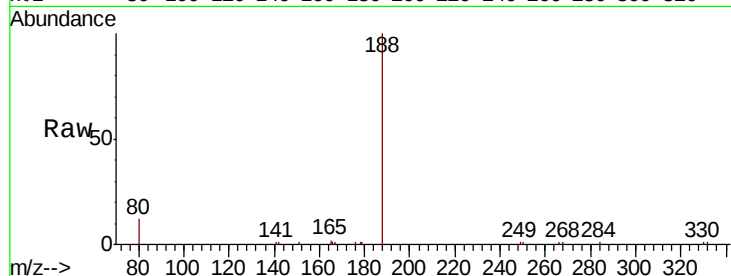
Tgt Ion:188 Resp: 19427

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

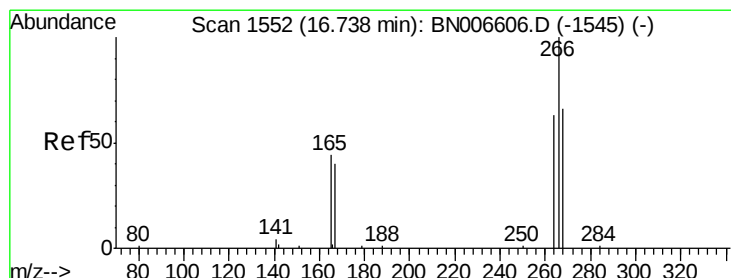
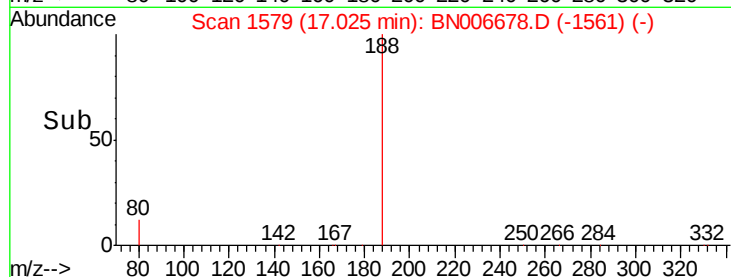
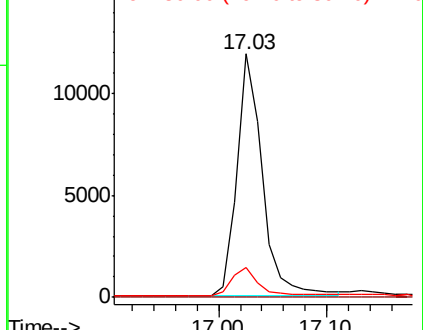
80 12.3 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#22

Pentachlorophenol

Concen: 0.197 ng

RT: 16.72 min Scan# 1550

Delta R.T. -0.02 min

Lab File: BN006678.D

Acq: 02 Jul 2019 02:51

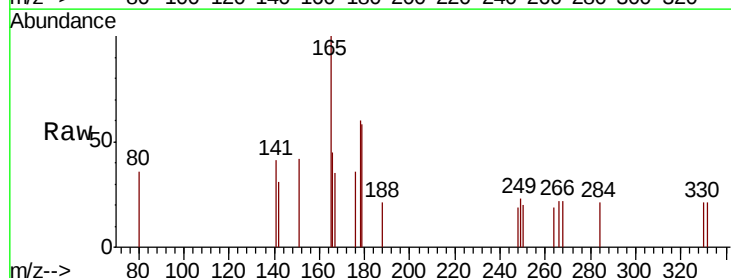
Tgt Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

264 85.5 56.2 84.4#

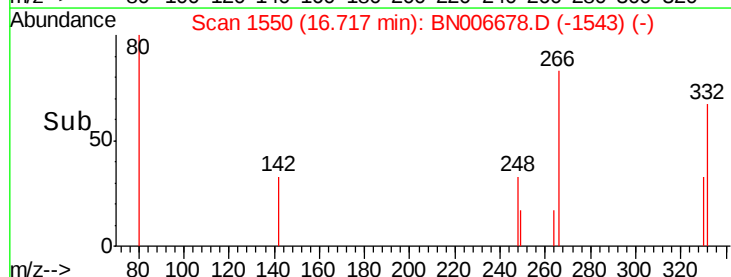
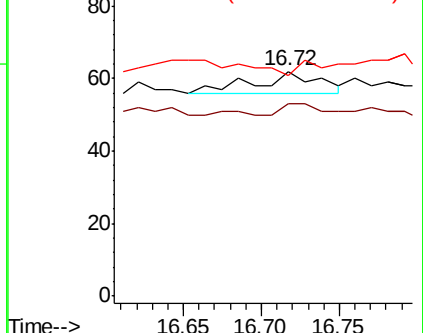
268 98.4 63.0 94.4#

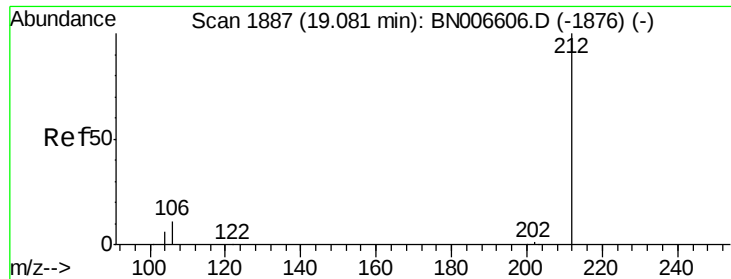


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

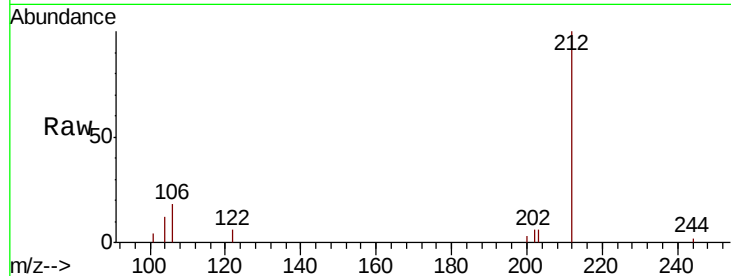




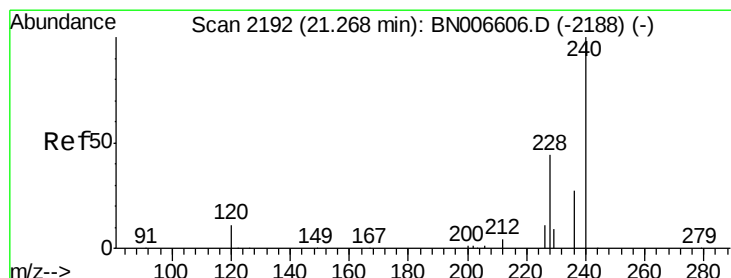
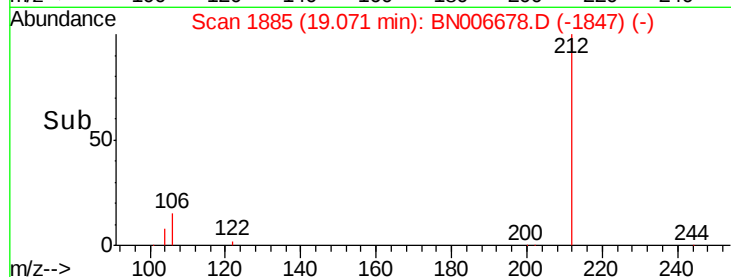
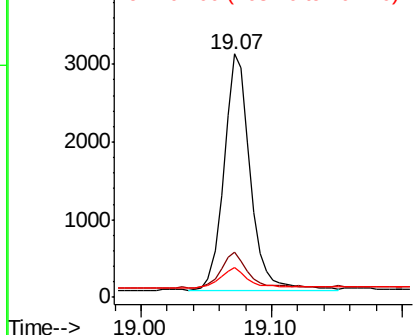
#25
 Fluoranthene-d10
 Concen: 0.074 ng
 RT: 19.07 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BN006678.D
 Acq: 02 Jul 2019 02:51

Instrument :
 BNA_N
 ClientSampleId :
 MW-3DL

Tgt Ion: 212 Resp: 4225
 Ion Ratio Lower Upper
 212 100
 106 15.9 10.6 15.8#
 104 9.1 5.8 8.6#

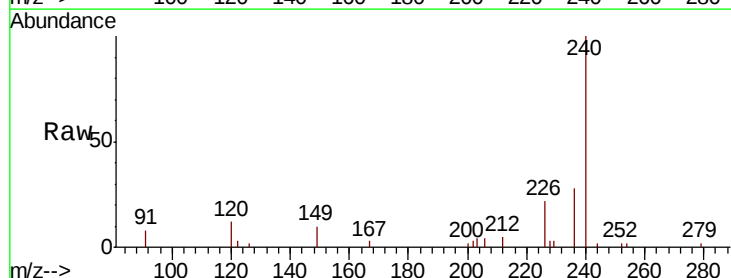


Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

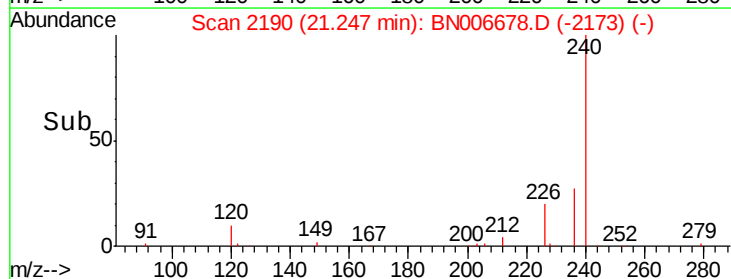
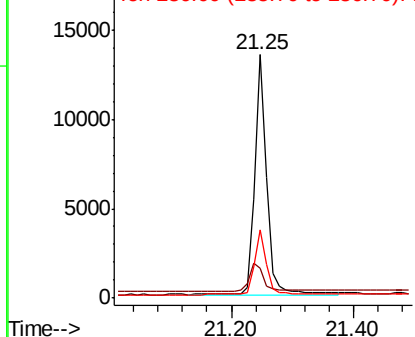


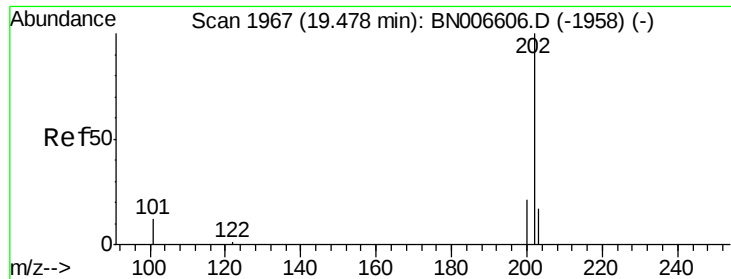
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 2190
 Delta R.T. -0.02 min
 Lab File: BN006678.D
 Acq: 02 Jul 2019 02:51

Tgt Ion: 240 Resp: 18344
 Ion Ratio Lower Upper
 240 100
 120 12.4 9.9 14.9
 236 28.1 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

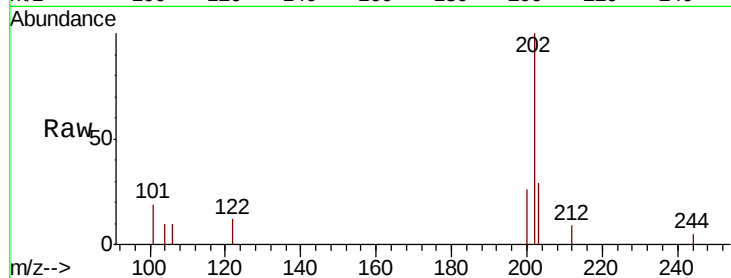




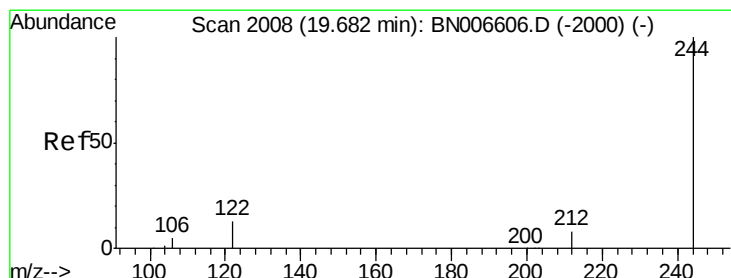
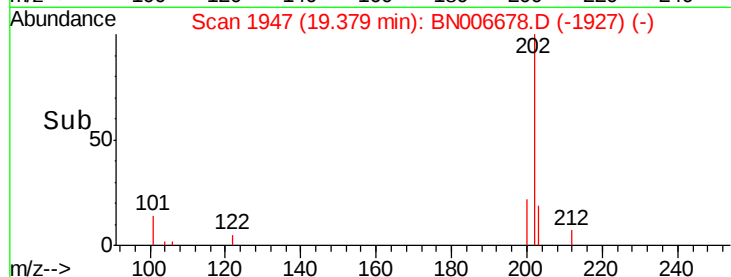
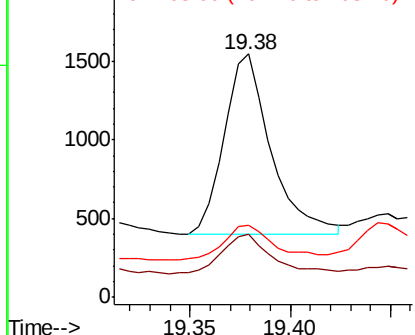
#28
Pyrene
Concen: 0.029 ng
RT: 19.38 min Scan# 1947
Delta R.T. -0.10 min
Lab File: BN006678.D
Acq: 02 Jul 2019 02:51

Instrument :
BNA_N
ClientSampleId :
MW-3DL

Tgt Ion: 202 Resp: 1858
Ion Ratio Lower Upper
202 100
200 21.9 16.7 25.1
203 20.2 14.1 21.1

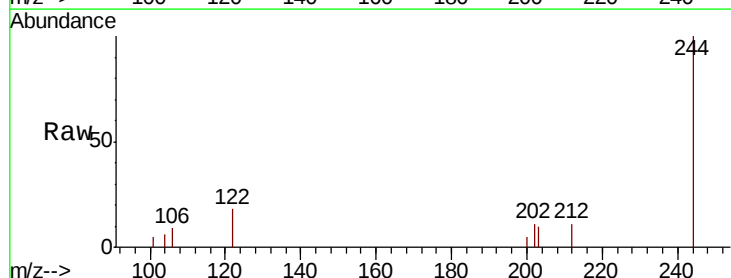


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

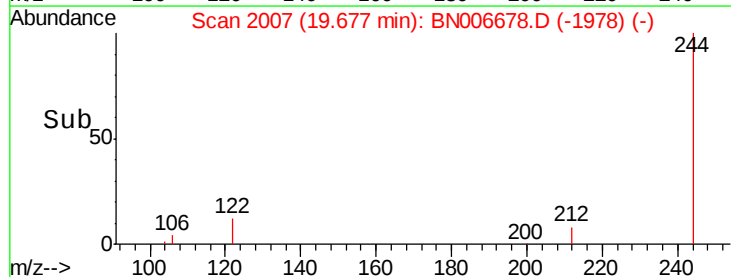
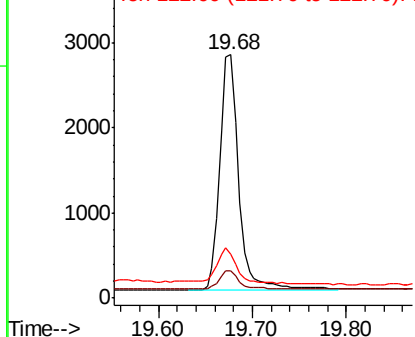


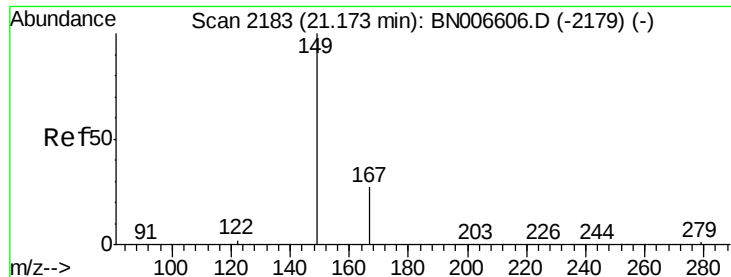
#29
Terphenyl-d14
Concen: 0.102 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BN006678.D
Acq: 02 Jul 2019 02:51

Tgt Ion: 244 Resp: 3920
Ion Ratio Lower Upper
244 100
212 11.2 6.7 10.1#
122 18.0 11.0 16.6#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

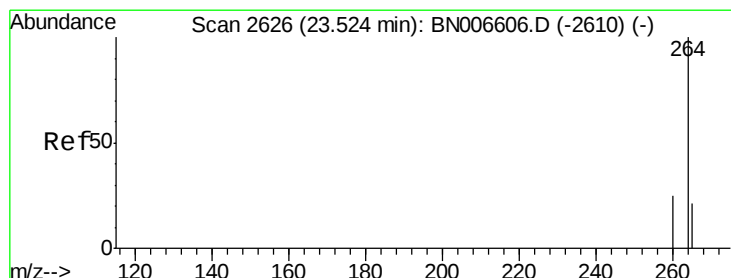
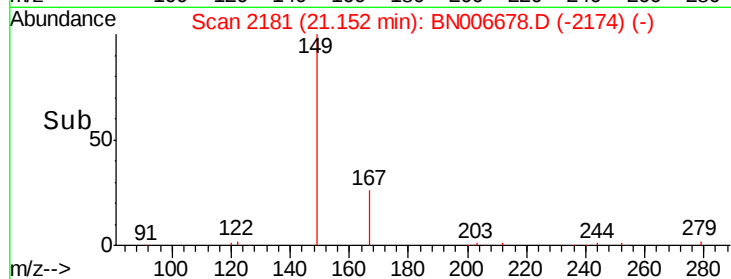
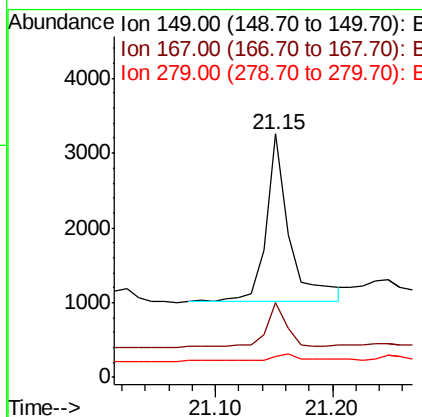
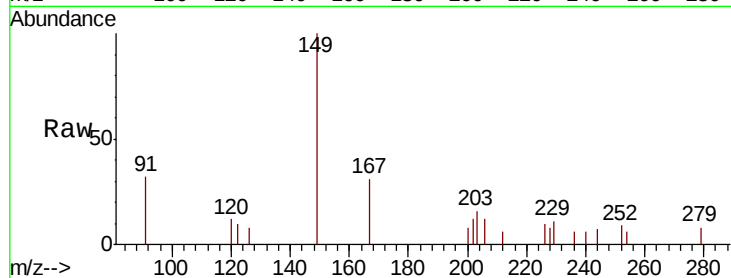




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.104 ng
 RT: 21.15 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BN006678.D
 Acq: 02 Jul 2019 02:51

Instrument :
 BNA_N
 ClientSampleId :
 MW-3DL

Tgt Ion:149 Resp: 3128
 Ion Ratio Lower Upper
 149 100
 167 21.6 22.9 34.3#
 279 5.1 3.3 4.9#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.48 min Scan# 2612
 Delta R.T. -0.05 min
 Lab File: BN006678.D
 Acq: 02 Jul 2019 02:51

Tgt Ion:264 Resp: 20537
 Ion Ratio Lower Upper
 264 100
 260 26.6 20.2 30.2
 265 34.4 23.3 34.9

